

ATTACHMENT A

1. (Currently Amended) An olefin polymer composition comprising:

(A) 60 - 95% by weight of a propylene homopolymer, or a copolymer ~~copolymer~~ of propylene containing 3% or less by weight of ethylene or at least one C₄-C₁₀ α-olefin, or combinations thereof, said homopolymer or copolymer having a Polydispersity Index value of from 4.6 to 10 and a content of isotactic pentads higher than 98 molar measured by ¹³C NMR on a fraction insoluble in xylene at 25 °C[[,]] i

(B) 5 - 40% by weight of a copolymer of ethylene containing from 40% to 70% by weight of propylene or at least one C₄-C₁₀ α-olefin, or combinations thereof;

said composition having a Temperature Rising Elution Fractionation profile, obtained by fractionating said composition in xylene into fractions and collecting at least one fraction at temperatures of 40 °C, 80°C and 90 °C; said weight percent of ethylene content Y of said fraction collected at 90 °C satisfies the following relation (I):

$$Y \leq -0.8 + 0.035X + 0.0091X^2$$

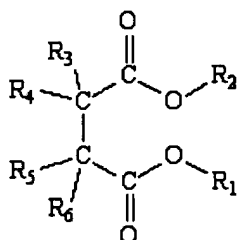
wherein X is a weight percent of said ethylene content of said fraction collected at 40 °C, and said fraction soluble ~~insoluble~~ in xylene at 25°C has an intrinsic viscosity [η] from 1.8 to 4.2 dl/g.

2. (Previously Presented) The composition of claim 1, wherein component (A) has a molecular weight distribution, expressed in a Mw/Mn ratio equal to or higher than 7, and a Mz/Mw ratio equal to or higher than 3.6.

3. (Previously Presented) A polymerization process for preparing the olefin polymer composition of claim 1, comprising preparing components (A) and (B) in at least two separate subsequent steps.

4. (Currently Amended) The polymerization process of claim 3, further comprising a Ziegler -Natta polymerization catalyst comprising a solid catalyst component comprising:

a) Mg, Ti, and a halogen, and an electron donor selected from succinates[[,]] of formula (I) below:



wherein R₁ and R₂ are equal, or are different from each other, and are selected from a C₁-C₂₀ linear or branched alkyl, alkenyl, cycloalkyl, aryl, arylalkyl and alkylaryl group, optionally containing heteroatoms; R₃ to R₆ are equal, or are different from each other, and are selected from hydrogen and a C₁-C₂₀ linear or branched alkyl, alkenyl, cycloalkyl, aryl, arylalkyl and alkylaryl group, optionally containing heteroatoms; with the proviso that when R₃ to R₅ are contemporaneously hydrogen, R₆ is selected from a

primary branched, a secondary, and a tertiary alkyl, cycloalkyl, aryl, arylalkyl, and alkylaryl group having from 3 to 20 carbon atoms, and a linear alkyl group having at least four carbon atoms optionally containing heteroatoms; and

b) an alkylaluminum compound

5. (Previously Presented) The olefin polymer composition of claim 1, wherein component (B) further comprises a diene.

6. (Previously Presented) The polymerization process of claim 4, further comprising at least one external electron donor compound.

7. (Previously Presented) The polymerization process of claim 4, wherein at least two of R_3 to R_6 form a cyclic ring.